



Celebrate NANOdays at the City Library

Take a close look at the big things happening on the frontiers of small. The Leonardo, the University of Utah, and the Nano Institute of Utah will be celebrating NANOdays at the Salt Lake City Public Library April 2 - 4 from 3:00 to 6:00 pm each day.

Measuring one billionth of a meter, a nano lends its name to the super-small scale devices and scientific methods used to create the 21st century's most advanced technology, which promises to revolutionize health care, communications, environmental monitoring and more.

NANOdays activities – free to the public and suitable for children, teens and grown-ups alike - will include:

- Using a digital microscope to peer into the unseen world of your body and objects around you.
- A hands-on demonstration using modified and unmodified sand to explore the properties of molecular bonding.
- Exploring shape memory in a demonstration with nitinol wires and standard wires to explore smart material responses to stimuli.
- A larger-scale demonstration utilizing visual cues to help address the size and scale concepts of nanotechnology.
- Using liquid crystal sheets to explore the implications of nanostructure on the macroscale.

USTAR staff will be on hand Thursday and Friday to discuss the scope and goals of nanotechnology research funded by the state's technology economic development initiative, and to inform Utah industry of possible collaborations with university research teams.

Please come by to participate in these fun, educational activities. The Library is located at 400 South 200 East, and most activities will take place in the main ground floor lobby, called the Urban Room.



Based in Salt Lake City, the Leonardo (www.theleonardo.org) is an educational and cultural center fusing science, technology, and the arts in experiences that inspire human potential for creativity and innovation.

Formed in the fall of 2008 at the University of Utah, the Nano Institute of Utah (nanoinstitute.utah.edu) fosters a vision to position Utah as a global leader in nanoscience and technology distinguished by interdisciplinary collaboration and entrepreneurial excellence. The institute's leadership team includes USTAR researchers Marc Porter, Ph.D., and Hamid Ghandehari, Ph.D.

ABOUT USTAR

The Utah Science Technology and Research initiative (USTAR) is a long-term, state-funded investment to strengthen Utah's "knowledge economy" and generate high-paying jobs. Funded in March 2006 by the State Legislature, USTAR is based on three program areas. The first area involves funding for strategic investments at the University of Utah and Utah State University to recruit world-class researchers. The second area is to build state-of-the-art interdisciplinary facilities at these institutions for the innovation teams. The third program area involves teams that work with companies and entrepreneurs across the State to promote science, innovation, and commercialization activities. For more information, go to www.innovationutah.com or follow <http://twitter.com/Innovationutah>.

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